

09/800,431

ABSTRACT

1
2 Secretin and secretin compositions are used for the treatment
3 of autism and other neurological, behavioral and immunological
4 disorders. The method includes administering an effective amount
5 of secretin, such as Secretin-Ferring, to a patient. In one
6 example, 2 clinical units (CU) of Secretin-Ferring was dissolved
7 in a 7.5 ml solution of sodium chloride and was intravenously
8 injected over 1 minute. In another example, secretin was
9 administered transdermally by applying dimethyl sulfoxide (DMSO)
10 to the patients skin and rubbing about 15 CU of Secretin-Ferring
11 into the DMSO. Other methods and compositions for administering
12 the effective amount of secretin include other transdermal carrier
13 substances, such as gels, lotions, or patches; oral carriers, such
14 as tablets, capsules, or lozenges; inhalation through the nose or
15 mouth (e.g., as an aerosol); suppository forms of secretin and
16 secretin compositions; and using acoustic waves to cause the
17 secretin to penetrate the skin.